

ABSTRACT OF THE DISCLOSURE

65 A network-infrastructure cache ("NI Cache") transparently provides proxy file services to a plurality of client workstations concurrently requesting access to file data stored on a server. The NI Cache includes a network interface that connects to a digital computer network. A file-request service-module of the NI
70 Cache receives and responds to network-file-services-protocol requests from workstations through the network interface. A cache, also included in the NI Cache, stores data that is transmitted back to the workstations. A file-request generation-module, also included in the NI Cache, transmits requests for data to the
75 server, and receives responses from the server that include data missing from the cache.